

**Amendments to the Abstract**

Please replace Abstract on page 22 with the following:

**APPARATUS AND METHOD FOR CACHING LOOKUPS  
BASED UPON TCP TRAFFIC FLOW CHARACTERISTICS**

**ABSTRACT**

The classification system of a network device includes a cache in which a mapping between predefined characteristics of TCP/IP packets and associated actions are stored in response to the first “Frequent Flyer” packet in of a session. Selected characteristics from subsequent received packets of that session are correlated with the predefined characteristics and the stored actions are applied to the received packets if the selected characteristics and the predefined characteristics match, thus reducing the processing required for subsequent packets. The packets selected for caching may be data packets. For mismatched characteristics, the full packet search of the classification system is used to determine the action to apply to the received packet.